

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005471.D Vial: 3
 Acq On : 02-Jul-2013, 19:25 Operator: QM
 Sample : PB70638BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 1:21 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70638BS

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:49 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 2013
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.34	709240	175.127 ug/L
Target Compounds			
2) T HMX	0.89	566811	123.050 ug/L
3) T RDX	1.75	701213	138.970 ug/L
4) T 1,3,5-Trinitrobenzene	2.71	1500882	134.637 ug/L
5) T 1,3-Dinitrobenzene	3.60	2105496	134.757 ng/mlm
6) T 3,5-Dinitroaniline	3.98	1844273	132.032 ug/L
7) T Nitrobenzene	4.81	1441874	144.853 ug/L
8) T Tetryl	6.40	738048	116.112 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	1578953	134.470 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.17	1521923	129.449 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.55	900852	143.893 ug/L
12) T 2,4-Dinitrotoluene	8.27	2012361	134.444 ug/L
13) T 2,6-Dinitrotoluene	8.69	1116880	133.517 ug/L
14) T 2-Nitrotoluene	11.97	925986	145.076 ug/L
15) T 4-Nitrotoluene	12.69	749325	138.894 ug/L
16) T 3-Nitrotoluene	13.94	897477	129.144 ug/L
17) T PETN	19.51	2213608	213.412 ug/L m

 Analyst Signature:_____ Analyst Name:_____ Date:_____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #:_____

___Peak Integrated by software incorrectly.Compound #:_____

___OTHER:_____Compound #:_____

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

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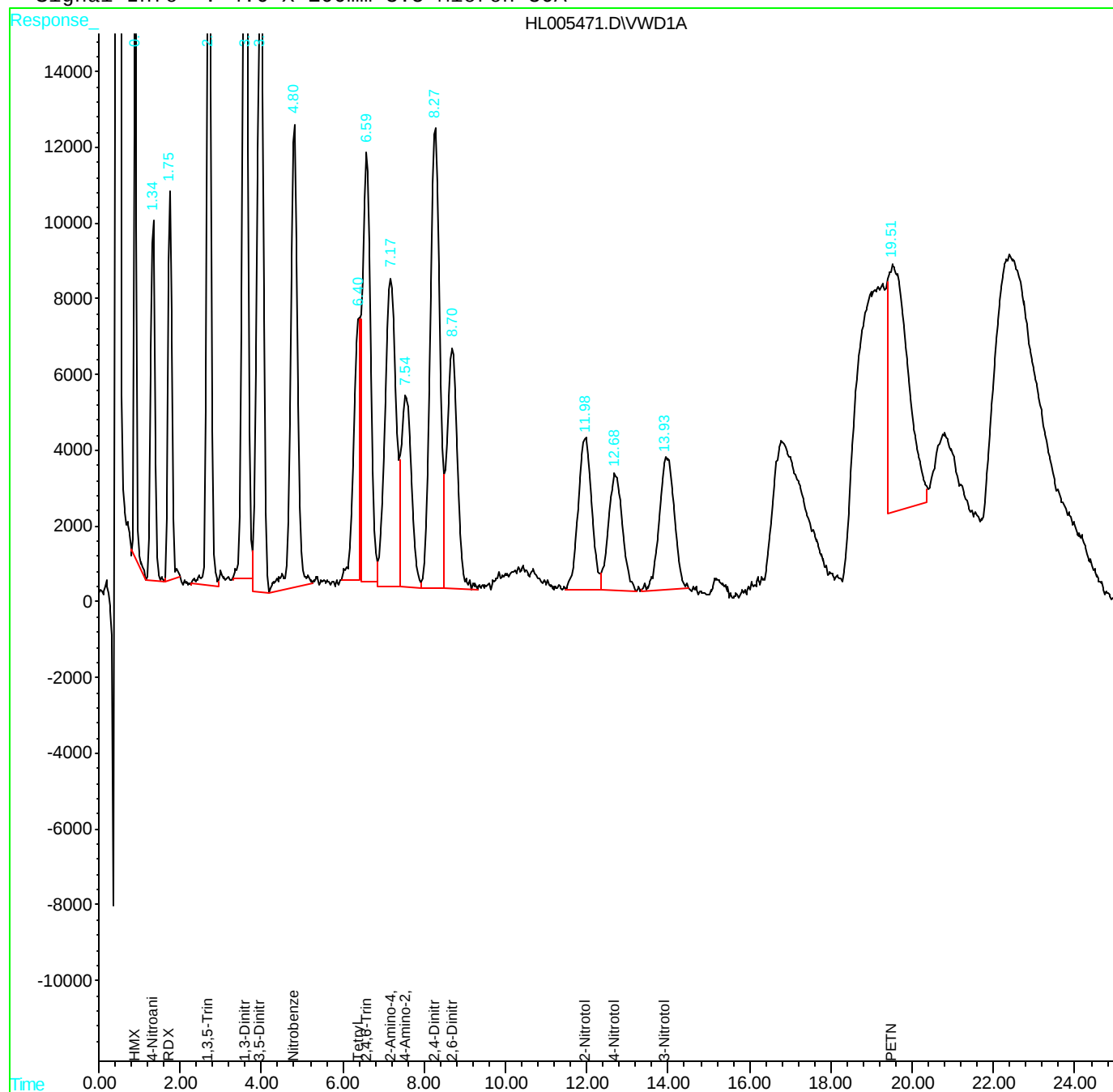
Instrument :
 HPLC_L
 ClientSampleId :
 PB70638BS

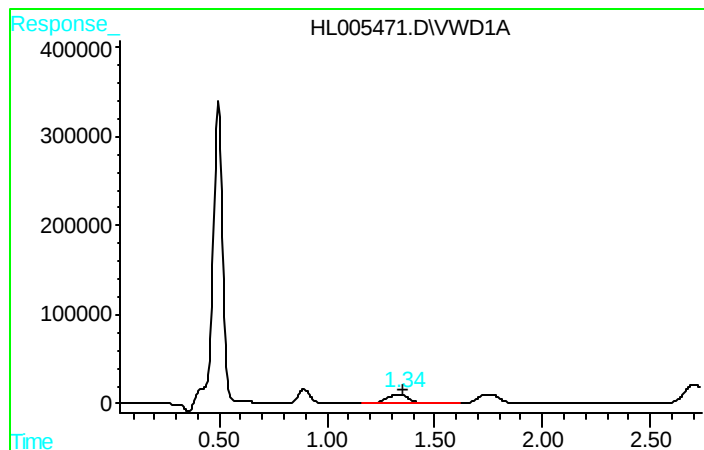
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A





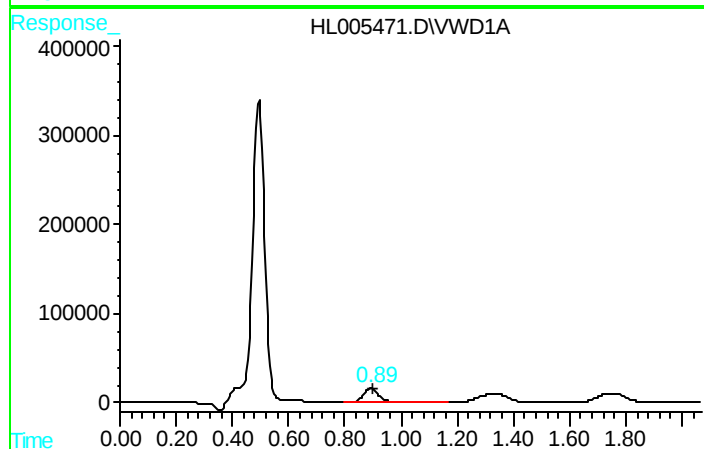
#1 4-Nitroaniline

R.T.: 1.336 min
Delta R.T.: -0.016 min
Response: 709240
Conc: 175.13 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70638BS

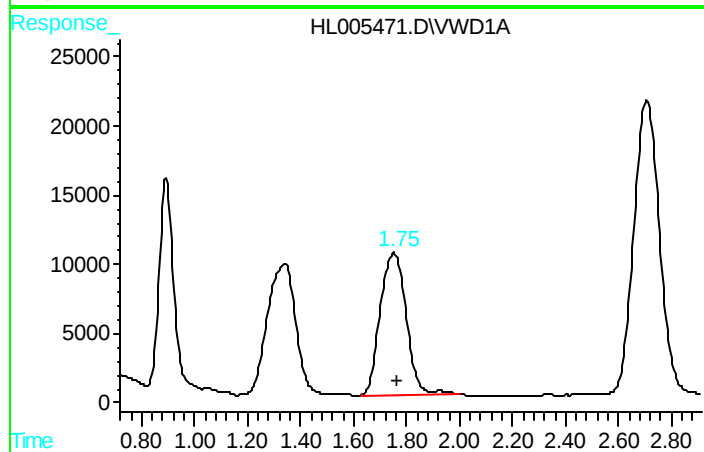
Manual Integrations
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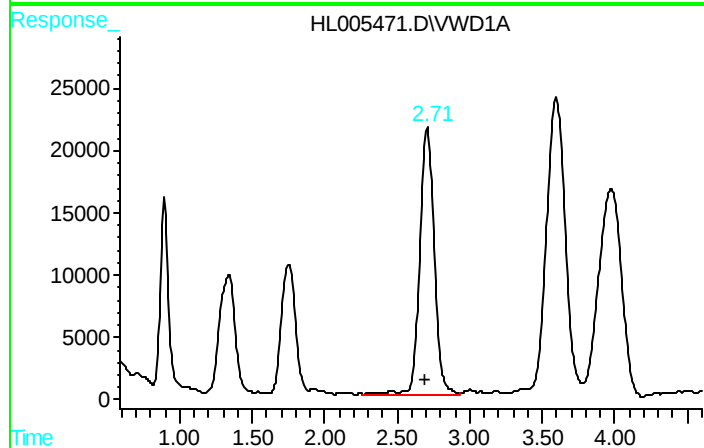
#2 HMX

R.T.: 0.894 min
Delta R.T.: -0.009 min
Response: 566811
Conc: 123.05 ug/L



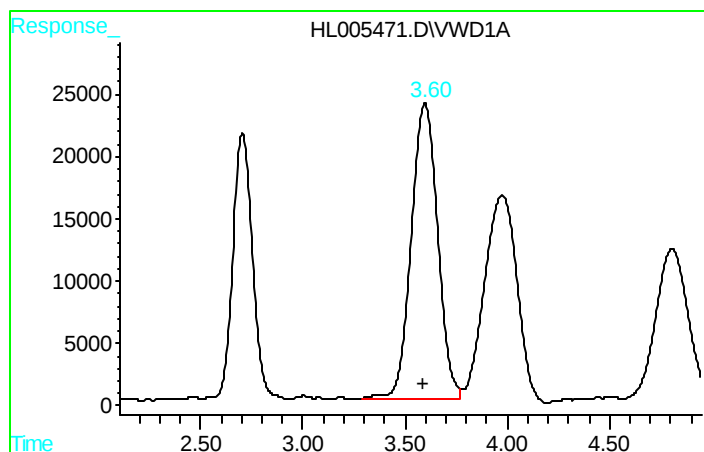
#3 RDX

R.T.: 1.752 min
Delta R.T.: -0.009 min
Response: 701213
Conc: 138.97 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.707 min
Delta R.T.: 0.013 min
Response: 1500882
Conc: 134.64 ug/L



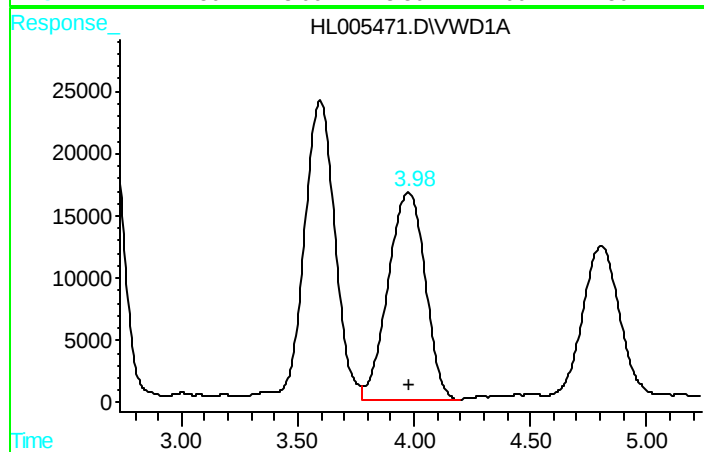
#5 1,3-Dinitrobenzene

R.T.: 3.595 min
Delta R.T.: 0.011 min
Response: 2105496
Conc: 134.76 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB70638BS

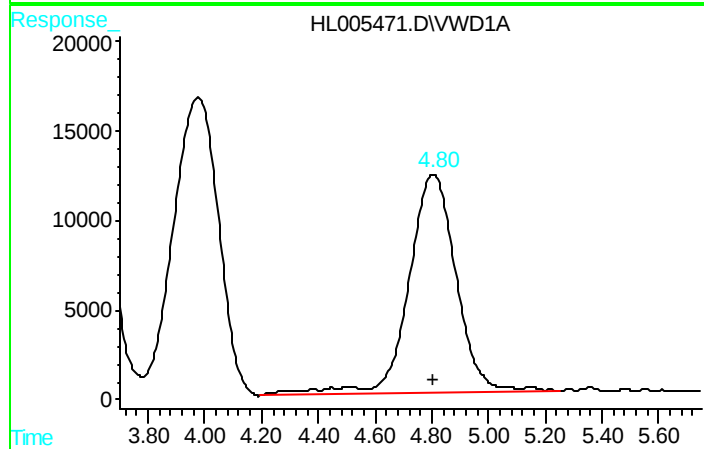
Manual Integrations
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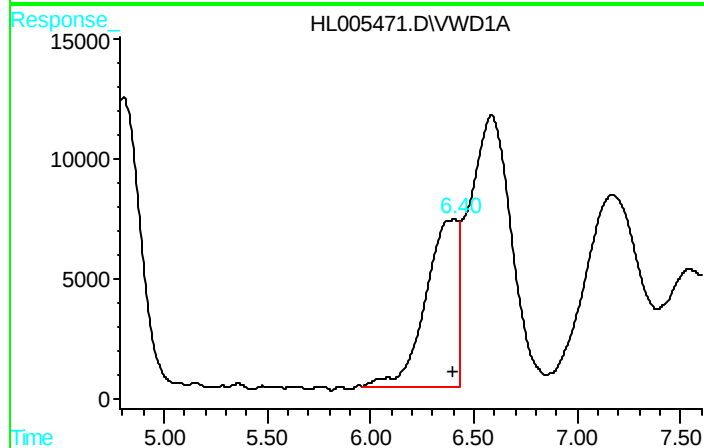
#6 3,5-Dinitroaniline

R.T.: 3.976 min
Delta R.T.: -0.006 min
Response: 1844273
Conc: 132.03 ug/L



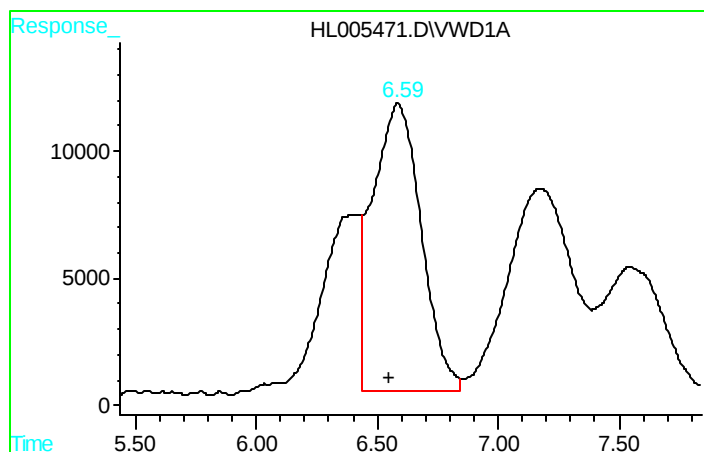
#7 Nitrobenzene

R.T.: 4.806 min
Delta R.T.: 0.003 min
Response: 1441874
Conc: 144.85 ug/L



#8 Tetryl

R.T.: 6.405 min
Delta R.T.: 0.005 min
Response: 738048
Conc: 116.11 ug/L m



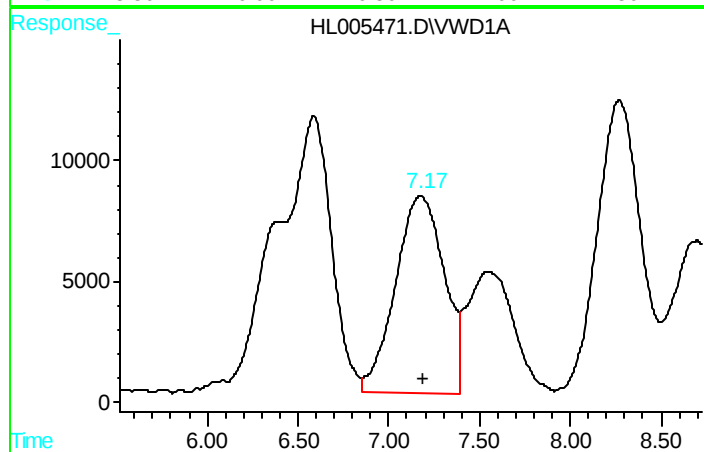
#9 2,4,6-Trinitrotoluene

R.T.: 6.585 min
Delta R.T.: 0.034 min
Response: 1578953
Conc: 134.47 ug/L m

Instrument :
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PB70638BS

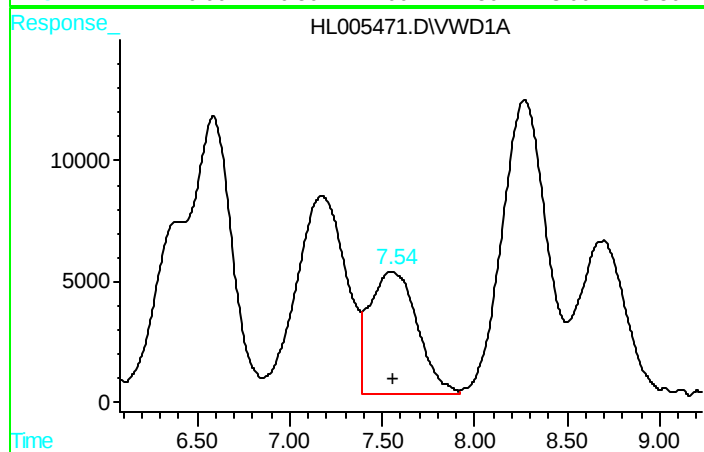
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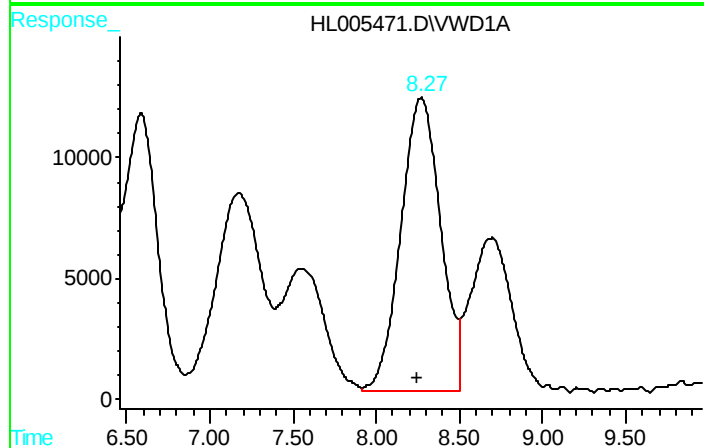
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.174 min
Delta R.T.: -0.016 min
Response: 1521923
Conc: 129.45 ug/L



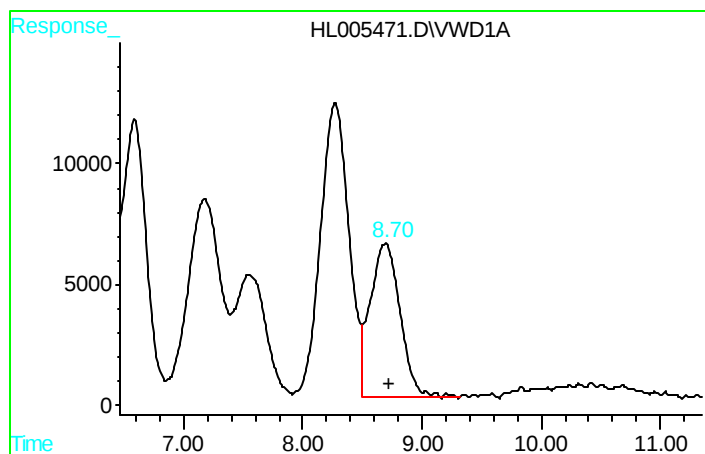
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.548 min
Delta R.T.: -0.012 min
Response: 900852
Conc: 143.89 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.270 min
Delta R.T.: 0.020 min
Response: 2012361
Conc: 134.44 ug/L



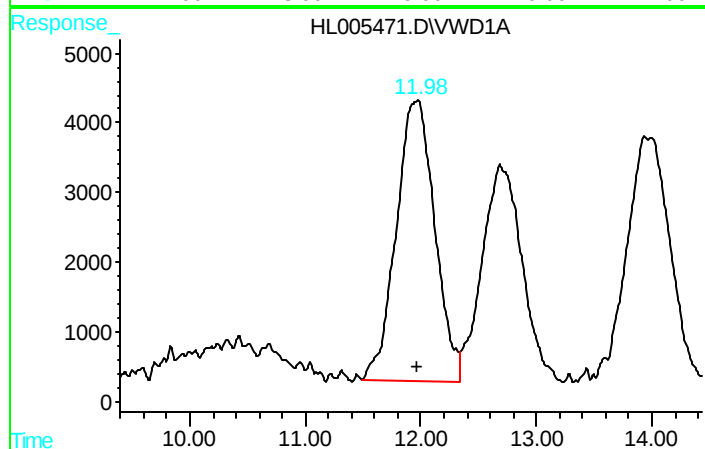
#13 2,6-Dinitrotoluene

R.T.: 8.693 min
Delta R.T.: -0.037 min
Response: 1116880
Conc: 133.52 ug/L

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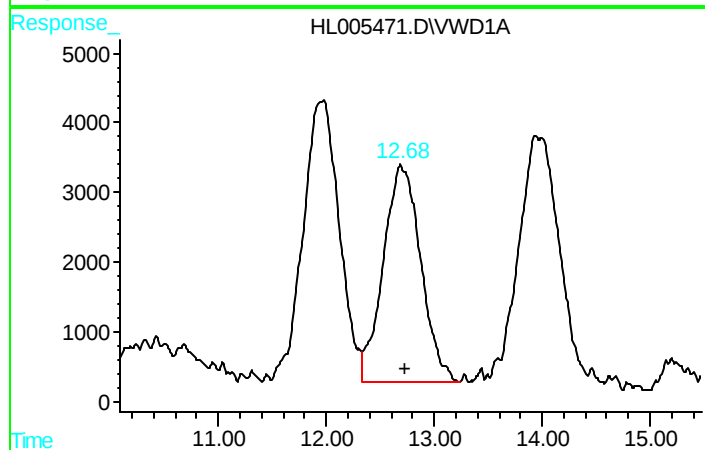
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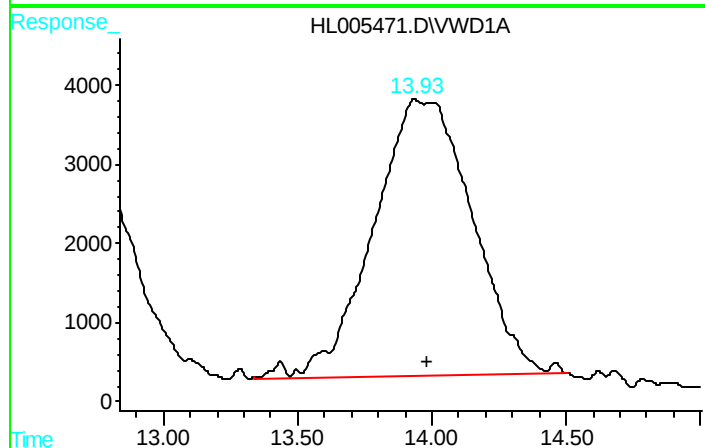
#14 2-Nitrotoluene

R.T.: 11.970 min
Delta R.T.: 0.010 min
Response: 925986
Conc: 145.08 ug/L



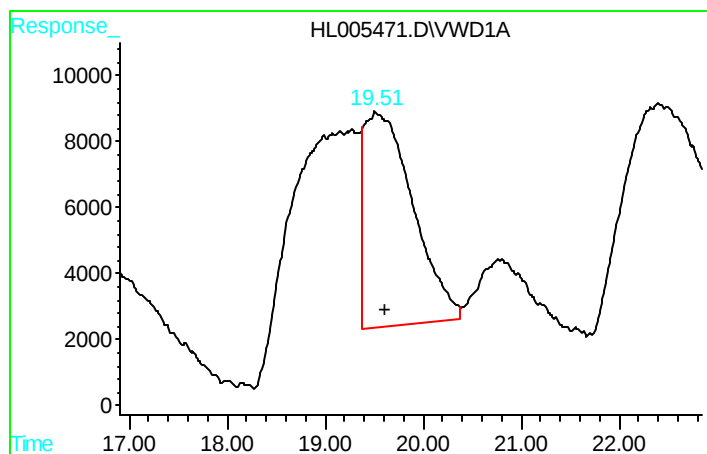
#15 4-Nitrotoluene

R.T.: 12.688 min
Delta R.T.: -0.042 min
Response: 749325
Conc: 138.89 ug/L



#16 3-Nitrotoluene

R.T.: 13.943 min
Delta R.T.: -0.037 min
Response: 897477
Conc: 129.14 ug/L



#17 PETN

R.T.: 19.508 min
Delta R.T.: -0.092 min
Response: 2213608
Conc: 213.41 ug/L m

Instrument :

HPLC_L

ClientSampleId :

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